**INJURIES BY AREA**

- 835 of the 1,047 LTIs and RWIs which occurred during surface mining operations were classified as serious.
- 110 of the 161 LTIs and RWIs which occurred during underground mining operations were classified as serious.
- 20 of the 40 LTIs and RWIs which occurred during exploration operations were classified as serious.

**Nature of injury** (top 5):
- Sprain or strain: 49%
- Fracture: 12%
- Laceration: 11%
- Crushing: 6%
- Bruise/contusion: 5%

**Part of body** (top 5):
- Hand: 25%
- Back: 15%
- Knee: 8%
- Shoulder: 10%
- Ankle: 7%

**Location** (top 5):
- Treatment plant: 30%
- Open pit: 19%
- Workshop: 15%
- Surface general: 11%
- Underground production and development: 8%

**IN THE WESTERN AUSTRALIAN MINERAL INDUSTRY 2017-18**

**Employees and contractors**

- 43,968 workers worked 47% of hours:
  - 689 injuries reported
  - 70,756 workers worked 53% of hours:
    - 558 injuries reported

**Fatal accidents**

**Mining**
- A 34 year old surveyor was conducting field work at a mineral sand mining operation when he apparently suffered a severe allergic reaction following a bee sting he received.

**Exploration**
- A senior field technician was conducting exploration reconnaissance on a remote tenement when he collapsed, became unconscious and could not be reuscitated. He had walked approximately 16 km both on that day and on the previous day, over rough terrain, in temperatures up to 37°C. He had complained of leg cramps at the end of the previous day, but reported he felt fine and well enough to conduct fieldwork at the prestart on the day of the incident. The cause of death was determined to be the combined effects of dehydration and renal failure.

**LTIFRs**

- **Minning**: 33% increase in LTIFR for iron ore sector to 1.4
- **Exploration**: 52% decrease in LTIFR for nickel sector to 1.9
- **Exploration**: 30% decrease in LTIFR for bauxite and alumina sector to 5.6

**DEFINITIONS**

- **Frequency rate (FR)**: Number of injuries per million hours worked
- **Lost time injury (LTI)**: Work injury that results in an absence from work for at least one full day or shift any time after the day or shift on which the injury occurred
- **Serious injury**: Work injury that results in the injured person being disabled for a period of two weeks or more
- **Restricted work injury (RWI)**: Work injury (not LTI) that results in the injured person being unable to fully perform their ordinary occupation (regular job) any time after the day or shift on which the injury occurred; regardless of whether or not the person is rostered to work, and where alternative or light duties are performed or hours are restricted

For more detailed information on safety performance, see the annual compilations at www.dmits.wa.gov.au